

WHAT IS CLAIMED IS:

1. A method for transmitting two related channels of signals through the air, the method comprising:
 - modulating a first channel of signals with a first carrier frequency;
 - modulating a second channel of signals with a second carrier frequency;
 - combining the modulated first channel of signals and the second channel of signals through a high isolation combiner;
 - transmitting the combined signals to a receiver system; and
 - regenerating the first channel and the second channel of signals in the receiver system by separating one from the other.